

Title (en)

Compact numerical controller

Title (de)

Kompakte numerische Steuervorrichtung

Title (fr)

Unité compacte de commande numérique

Publication

EP 0816959 A2 19980107 (EN)

Application

EP 97304800 A 19970702

Priority

JP 17254996 A 19960702

Abstract (en)

A numerical controller includes a control section (200a) for controlling operation of a machine (400a), an application section (100) which is separated from the control section and adapted to input data into the control section and to monitor a control status, and a communication network (N) for connecting the control section and the application section. This structure makes it possible to reduce the overall size of the numerical controller. A program for a new function or an abnormality diagnosis program is also transmitted from the application section to the control section when required.

IPC 1-7

G05B 19/414; G05B 19/4063

IPC 8 full level

G05B 19/18 (2006.01); **G05B 19/414** (2006.01)

CPC (source: EP US)

G05B 19/4148 (2013.01 - EP US); **G05B 2219/32129** (2013.01 - EP US); **G05B 2219/33283** (2013.01 - EP US);
G05B 2219/33284 (2013.01 - EP US); **G05B 2219/36396** (2013.01 - EP US)

Cited by

DE102007027276A1; US8683366B2; US7548795B2; WO2004083975A1

Designated contracting state (EPC)

FR GB SE

DOCDB simple family (publication)

EP 0816959 A2 19980107; **EP 0816959 A3 19980401**; **EP 0816959 B1 20030129**; JP 3617196 B2 20050202; JP H1020921 A 19980123;
US 6006141 A 19991221

DOCDB simple family (application)

EP 97304800 A 19970702; JP 17254996 A 19960702; US 88654497 A 19970701